



| Model            |   | L91   |                             |                          |                          |
|------------------|---|---|-----------------------------|--------------------------|--------------------------|
| Features         | Dimension L * W * H (mm)                                    | 32.5 * 27.5 * 26                                  |                             |                          |                          |
|                  | Terminal Type   | PCB   |                             |                          |                          |
|                  | Weight  | 32 gm Approximately                               |                             |                          |                          |
| Contact Data     | Contact Form  | 1A , 1C   |                             |                          |                          |
|                  | Contact Material  | Ag Alloy  |                             |                          |                          |
|                  | Contact Capacity  | NO: 30A @ 240VAC, NC: 20A @ 240VAC , 30A @ 28VDC  |                             |                          |                          |
| Coil Data        | Coil Voltage ( DC)  | 5 ~ 24VDC   |                             |                          |                          |
|                  | Coil Power Consumption                                      | 0.93W   |                             |                          |                          |
|                  | Coil Specification  | Coil Voltage                                      | Coil Resistance (Ω)<br>±10% | Pull in Voltage<br>(VDC) | Drop Out<br>Voltage(VDC) |
|                  |   | 12 VDC  | 155                         | 80 %                     | 5 %                      |
| 24 VDC           | 660   | 80 %  | 5 %                         |                          |                          |
| General Data     | Dielectric Strength   | 1500 VAC @ 50 Hz / Min (Between Contacts)         |                             |                          |                          |
|                  |   | 2500 VAC @ 50 Hz / Min ( Between Coil & Contacts) |                             |                          |                          |
|                  | Insulation Resistance                                       | 500 MΩ  |                             |                          |                          |
|                  | Electrical Life   | 1 x 10 <sup>5</sup>                               |                             |                          |                          |
|                  | Mechanical Life   | 1 x 10 <sup>7</sup>                               |                             |                          |                          |
|                  | Operating Temperature                                       | -55°C ~ +85°C                                     |                             |                          |                          |
| Mounting Diagram |   |   |                             |                          |                          |
| Application      | HVAC, Domestic Applications, Car Control Switching Box etc. |   |                             |                          |                          |